



HIGHWAY PROJECT INFORMATION

April 17, 2013



STPD-45-3(107) **TILDEN SOUTH**; CN 31808

LOCATION: This proposed resurfacing, restoration, and rehabilitation (3R) project would begin north of the junction of Nebraska Highway 32 (N-32) and Nebraska Highway 45 (N-45) at Mile Marker 13.89, and extend north 12.42 miles on N-45 to 10th Street in Tilden where the pavement changes from asphalt to concrete at M.M. 26.31.

PURPOSE AND NEED: The purpose of this project is to preserve the N-45 transportation asset, improve the reliability of the transportation system, and perpetuate the mobility of the traveling public. The need for the southern portion of the project is to address the 38-year-old, thin concrete pavement's extensive cracking and faulting. The northern portion of this project will address the 16-year-old asphalt pavement's thermal cracking and rutting. This project would also address the need to update guardrails throughout the project area.

SCOPE OF WORK: The proposed improvements on the concrete (southern) portion of N-45 would consist of "rubblizing" the existing concrete pavement and resurfacing with asphalt. Rubblization of the roadway involves cracking and packing down or reseating the concrete base prior to resurfacing. The improvements on the asphalt (northern) portion of the project will consist of milling and resurfacing with asphalt. New lighting will be installed at the intersection of N-45 and N-32. The existing guardrails along the project will be replaced and four new guardrail sections will be added. Existing surfaced driveways and intersections will be resurfaced.

TRAFFIC VOLUMES:

Nebraska Highway 45 (N-45)

Year	2014	2034
Vehicles Per Day (ADT)	585	605
% Heavy Trucks	11%	11%

A public information meeting was held for this project on May 17, 2012, 4:00-6:00 PM, in the Tilden Public Library. Comments from that meeting were considered and several suggestions incorporated into design and construction plans.

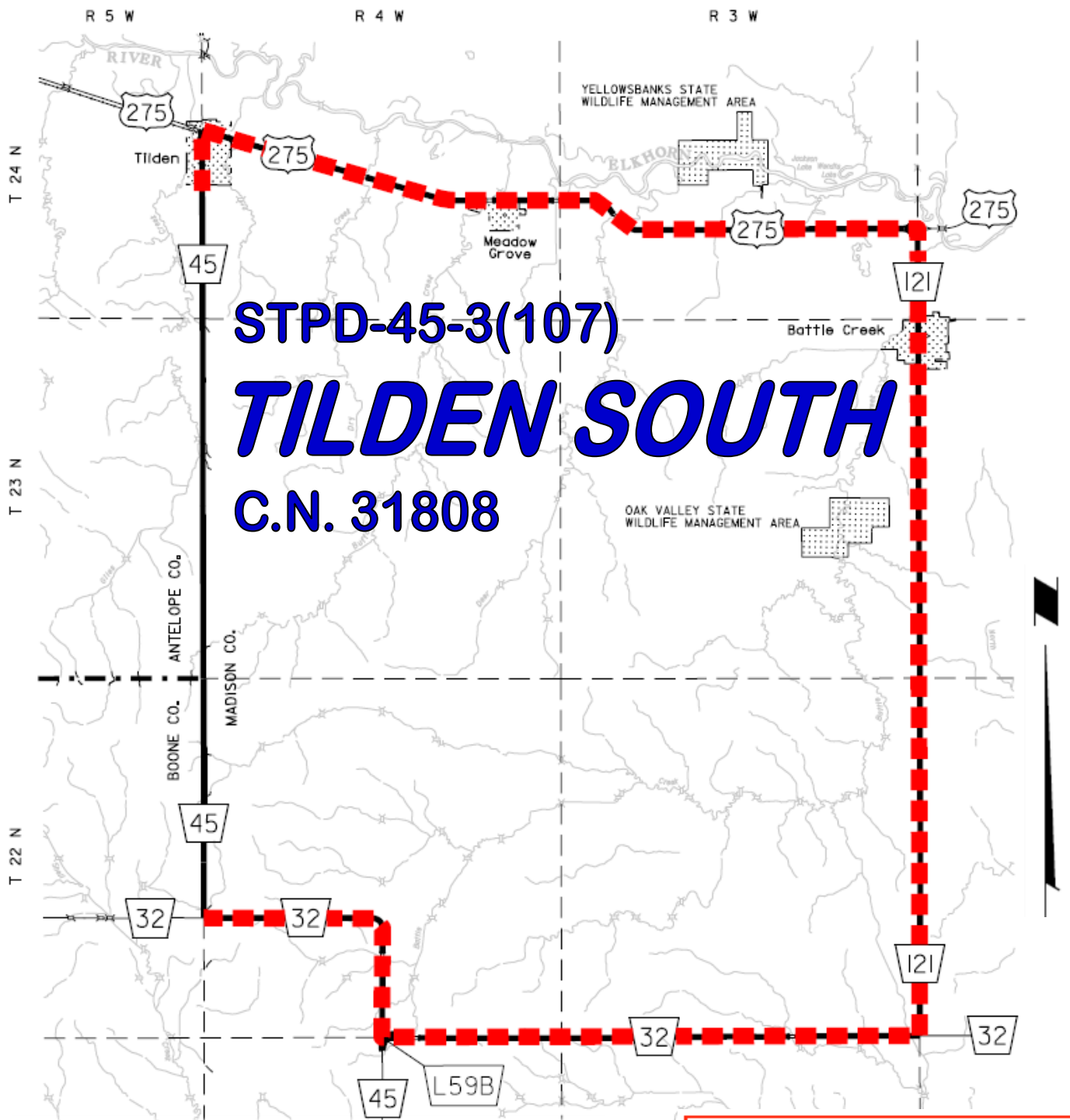
ESTIMATED CONSTRUCTION SCHEDULE: Construction is tentatively scheduled to begin as early as spring of 2014 and take approximately four months to complete. This construction is planned for relatively the same season as NDOR Project **STP-45-3(110) IN TILDEN & BATTLE CREEK NORTH; CN 31897**.

PROPOSED ACCOMMODATION OF TRAFFIC: The rubblization and resurfacing process in the concrete (southern) portion of the project would require detouring N-45 traffic. The proposed official detour route would utilize N-32, N-121, US-275, and N-45. The remainder of this project would be constructed under traffic (without detour) with temporary lane closures controlled by appropriate traffic control procedures. Access to adjacent properties will be maintained during construction.

RIGHT-OF-WAY: No new property purchases for right-of-way (ROW) or temporary easements (TE) are anticipated.

POTENTIAL IMPACTS: Approximately 0.02 of an acre of wetlands would be impacted.

ESTIMATED COST: The estimated cost is approximately \$5.6 million. Although the project extends into the corporate limits, no expense would be incurred by the City of Tilden.



U.S. Department of Transportation
Federal Highway Administration



PRELIMINARY PLAN
 NOT FINAL – SUBJECT TO CHANGE

LEGEND

■■■■■ **DETOUR**

Send comments to:
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